

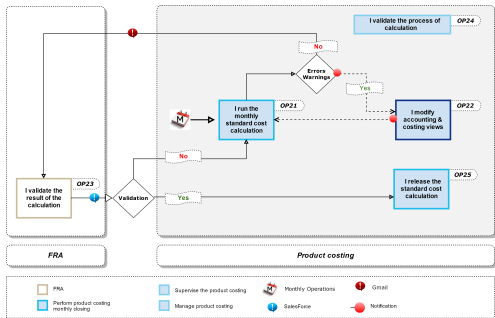
# OP.021

## I run the monthly standard cost calculation

Process: [Product Costing](#)

Responsibility area: [Perform product costing monthly closing](#)

A costing run must be created for all company codes with production in WP2 starting on D-7



Scope

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Frequency

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References

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Attachments

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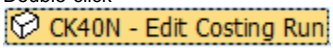
N/A

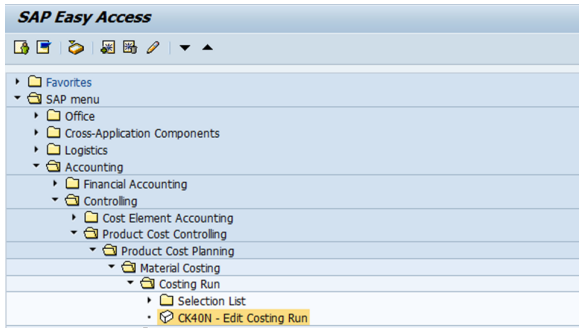
xx << I run the monthly standard cost calculation >> [OP.023](#)


### Guideline

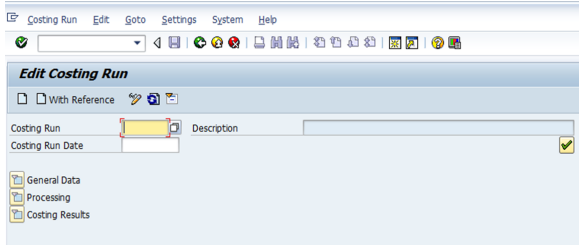
#### STEP 1

Start the transaction using the menu path or transaction code **CK40N**

Double-click  




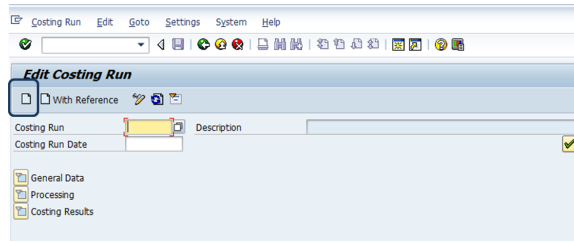
 Edit Costing Run : Initial Screen



#### STEP 2

Create the costing run by clicking on

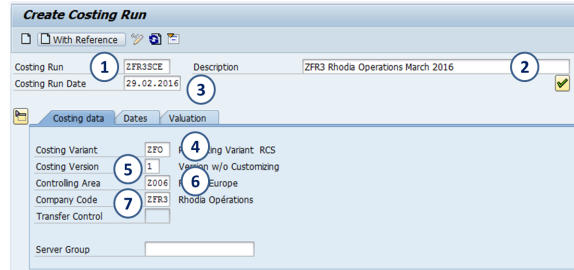
Unknown Attachment



**STEP 3**

Enter :

1. **Costing run code :**  
CCCCSCE
  - CCCC = Company code
  - SCE - Standard cost estimate
2. **Description :** CCCC Name company Month Year
3. **Costing Run Date :** Last day of the month preceding the cycle
4. **Costing variant :** ZFO (ZEP in Korea, Z25 in Brazil)
5. **Costing version :** 1
6. **Controlling area**
7. **Company code**



The monthly calculation of the cost estimate starts with four steps. Run every month since D-6 until D-2 or D-1 depends of each company. In order to continue for the other steps we need the approval from all controllers.

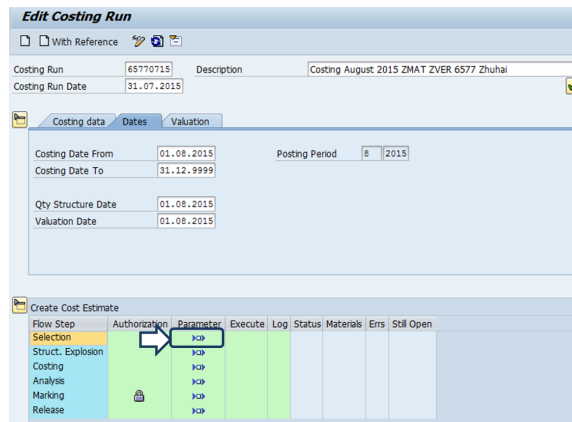
**STEP 1**

The date of the first day of the cycle appears. To avoid any problems, calculation must remain until 31.12.9999.

The cycle starts with the selection of the materials that are costed. Click





on in the column « Parameter » / line « Selection »

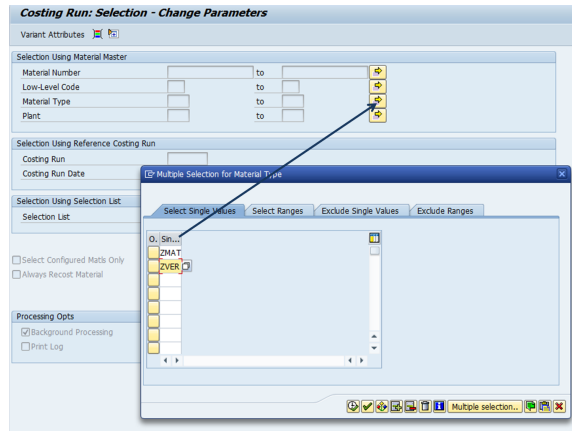


**STEP 2**

A new screen appears


1. Click on  beside Material Type
2. Enter the Material type :
  - **ZMAT** : Finished product & RM & SF
  - **ZVER** : Packaging

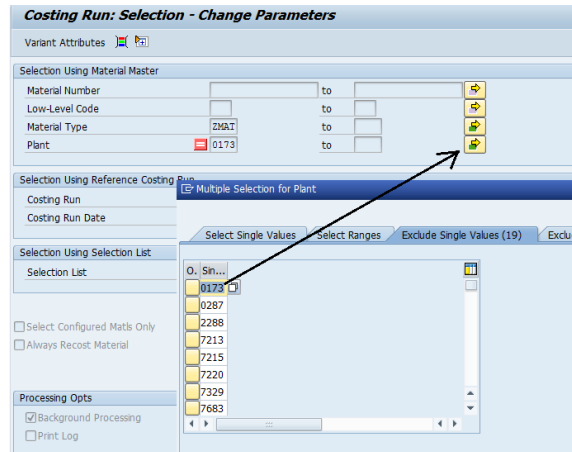
and execute 



### STEP 3


In the same screen update the plants:

1. Click on  beside Plant
2. In tab Exclude single values
3. Add the plants from **SQ00** in tab excludes

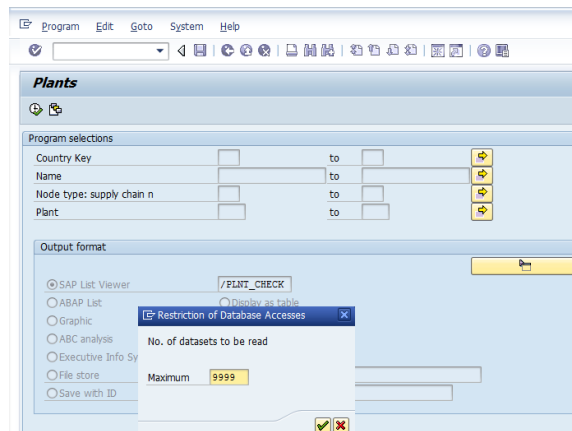


### STEP 4

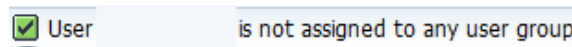
To remove Trading Plants (Négoce /NDIR) from WP1 Costing Run the following selections must be performed:

1. Go to **SQ00**, user group "**Costing**", choose the Query "**PLANTS**" and execute 
2. In case you get an error message saying that your User is not assigned to any User Group, go to Environment -> Work areas and choose Standard area. After go to Edit -> Other User Group -> Costing.
3. Select Layout **/PLNT\_CHECK** and confirm for your scope if Plants listed are excluded from **CK40N** parameters.

1



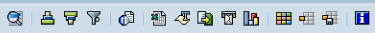
2



**Conclusion** : The Plants should be included/added to the already existing exclude list in CK40N (do not delete the Plants already in the List).

3

**Plants**



**Plants**

Plnt	Name 1	Rg	Region (State, Provi	Cty	Nty	House number and street
7379	ZFR3 / Négoce BE			BE		
7330	ZFR3 / Négoce DE			DE	DC	
8107	ZFR3 / Négoce ES			ES		
7329	ZFR3 / Négoce FR	93	SEINE-ST-DENIS	FR	DC	
7360	ZFR3 / Négoce GB			GB	DC	
7390	ZFR3 / Négoce Hors UE			Q1	DC	
7353	ZFR3 / Négoce IT	MI	MILANO	IT	DC	VIA MILANO 78/80
7331	ZFR3 / Négoce NL			NL	DC	
7380	ZFR3 / Négoce UE			EU	DC	


STEP 5

Check Background Processing


and save

? Unknown Attachment

The message "Values of variant xxxx" appears


Go back by clicking 

**STEP 6**

1. Click on  in the column « Execute » / line « Selection »
2. Check Start Immediately
3. Click on

? Unknown Attachment

**STEP 1**

The cycle continues by the determination of quantities. Click on the icon  of column **Parameter** on the line **Struct explosion**.

**STEP 2**

A new screen appears

- Uncheck **Background processing** and save


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A message appears : "values of variant xxxx saved"

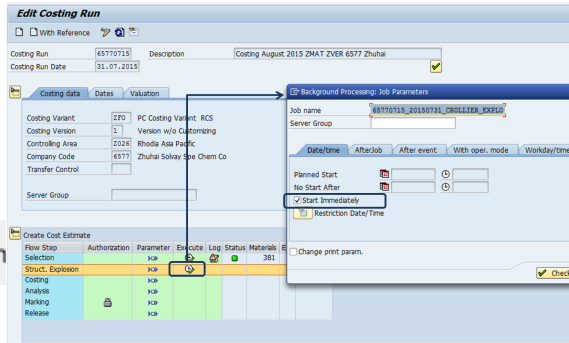
- Go back by clicking

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STEP 3

- Click on  in the column **Execute** / line **Struct explosion**
- Check **Start Immediately**
- Click on

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STEP 4


Click on

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until the job is finished: the icon

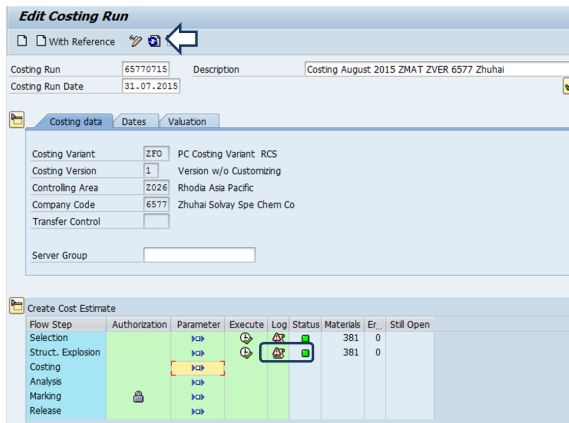
? Unknown Attachment

appears in the column log with a

status 

? Unknown Attachment

or 



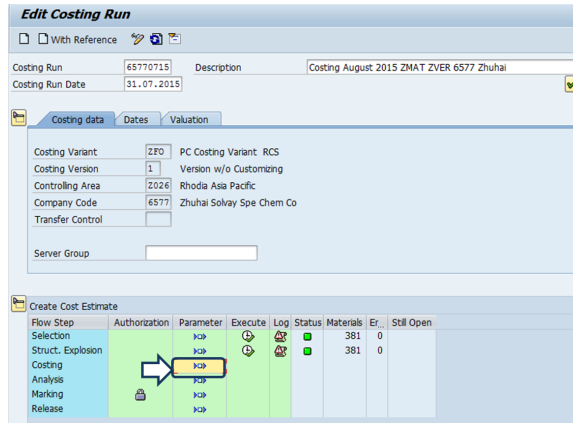
## Workflow history

This view shows the 5 most recent entries. The complete workflow log is available from the 'Document Activity' menu item.

From Oct 09, 2017 to Sept 08, 2025	Actor	Type	Activity	Version
Published	PEREIRA DINIZ, Sandra and HANSRI, Surachet	Edit	multiple updates from PEREIRA DINIZ, Sandra and CHANSRI, Surachet	
Jul 06, 2016				
	ROLLIER, Charlotte	State	changed state to Published at 4:11 pm	v22
To be approved	ROLLIER, Charlotte	State	gave Approvers approval at 4:11 pm	
		State	changed expiry date to '11 Jul, 2016 04:11 pm' at 4:11 pm	
		State	changed state to To be approved at 4:11 pm	v22
For Review	ROLLIER, Charlotte	State	gave Reviewers approval at 4:11 pm	
		State	changed expiry date to '11 Jul, 2016 04:11 pm' at 4:11 pm	
		State	changed state to For Review at 4:11 pm	v22

**STEP 1**

The cycle continues by the costing.  
Click on the icon of column **Parameter** on the line **Costing**.



**STEP 2**

A new screen appears

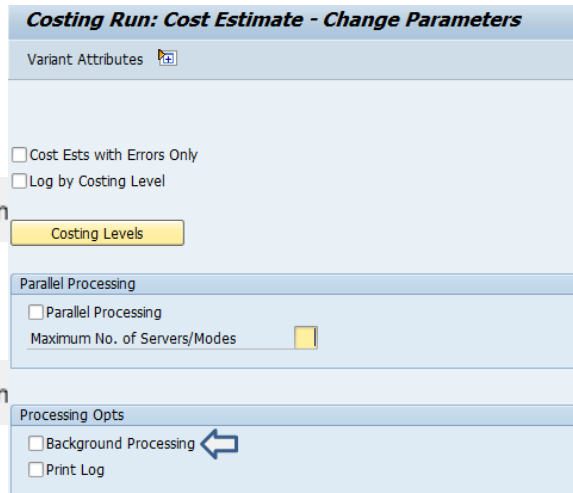
- Uncheck **Background processing** and save

? Unknown Attachment



A message appears : "values of variant xxxx saved"

- Go back by clicking

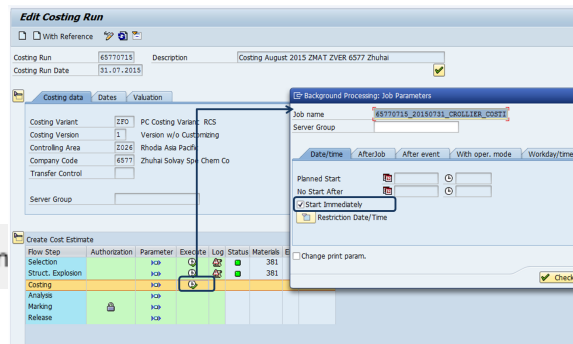
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**STEP 3**

1. Click on  in the column **Execute** / line **Costing**
2. Check **Start Immediately**
3. Click on 

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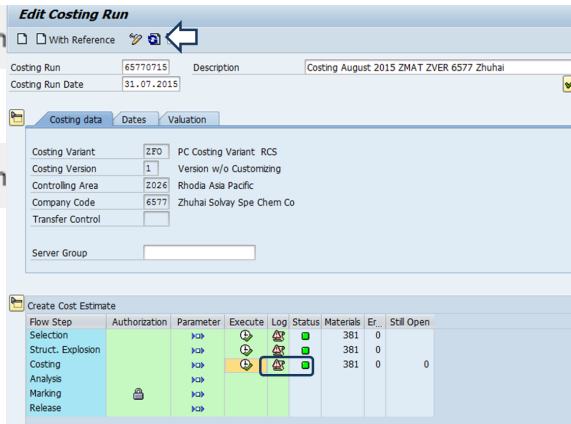
**STEP 4**

1. Click on 

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until the job is finished: the icon

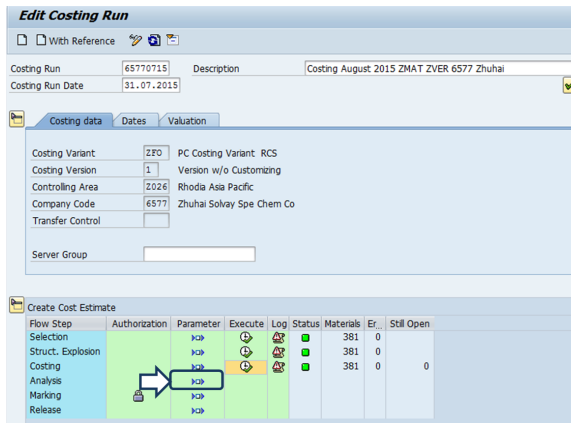
? Unknown Attachment  
 appears in the column log  
 with a status   
 ? Unknown Attachment  
 OR 



**STEP 1**

The cycle continues with the analysis of the calculation:

Click on the icon  of column **Parameter** / line **Analysis**

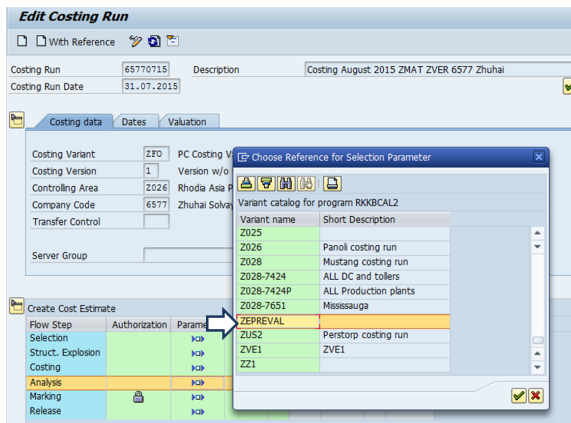


**STEP 2**

A new screen appears

Select your variant according to your company.

- Select the variant "ZEPREVAL" for example.



**STEP 3**

A new screen appears

1. Enter the currency = 1 (currency of the company)
2. Layout: **SAP03** (It has to be created previously by the user)

Save

? Unknown Attachment

A message appears : "values of variant xxxx saved"

- Go back by clicking

Unknown Attachment

**Costing Run: Analysis - Change Parameters**

Variant Attributes

Selection

Costing Run: 65770715  
 Costing Date: 31.07.2015  
 Intersection of Runs 1 and 2

Plant: [ ] to [ ]  
 Material Number: [ ] to [ ]  
 Selection Range: 1


Exceptions

Comparison Value: 2 Anticipated Revaluation  
 Display Positive and Negative Variances

Output

Material Master Price: 1 Standard price  
 Currency: 1  
 Display Header  
 Layout: SAP03  
 Cost Component View: 1 Cost of goods manufactured  
 Base:  
 Costing Lot Size  
 Price Unit in Material Master

STEP 4

Click on  in the column **Execute / line Analysis**

**Edit Costing Run**

With Reference

Costing Run: 65770715 Description: Costing August 2015 ZMAT ZVER 6577 Zhuhai  
 Costing Run Date: 31.07.2015

Costing data Dates Valuation

Costing Variant: ZFO PC Costing Variant: RCS  
 Costing Version: 1 Version w/o Customizing  
 Controlling Area: Z026 Rhodia Asia Pacific  
 Company Code: 6577 Zhuhai Solvay Spe Chem Co  
 Transfer Control: [ ]  
 Server Group: [ ]

Create Cost Estimate

Flow Step	Authorization	Parameter	Execute	Log	Status	Materials	Er	Still Open
Selection	>>>	>>>				381	0	
Struct. Explosion	>>>	>>>				381	0	
Costing	>>>	>>>				381	0	0
Analysis	>>>	>>>						
Marking	>>>	>>>						
Release	>>>	>>>						

STEP 5

The report is displayed with the list of material codes & plants


- $A = F / D =$  Variation in %
- $B = C \times F =$  Anticipated revaluation
- $C =$  Total stock (quantity)
- $D =$  Standard costing M
- $E =$  Standard costing M+1
- $F = E - D =$  Costing variation

**Analyze/Compare Material Cost Estimates**

Costing Run: 65770715 31.07.2015  
 Currency: CNY Chinese Renminbi  
 Base: Values Based On: Costing Lot Size  
 Cost Component View: 01 (Cost of goods manufactured)

Material	Material Description	Plant	Lot Size	Price Unit	Unit	%Var. co.	F Anticip.	Total Stock	Val. MatMs	Costing Re.	Var. costin.
18830	HYDROCHLORIC ACID 36% OHL BULK	8091	1,000	1,000	TO			6,342	1,452,999.84	1,453,000.	0.79
30605	RHODAFAC RE-610 PUT PLASTIQUE 200 KG	8091	1,000	1,000	KG			0	16,744.66	16,744.66	0.51
30609	RHODAFAC RA-600 PLASTIC DRUM 200 KG	8091	1,000	1,000	KG			0	3,348	3,348	0.52
31139	RHODASURF BC-610 METAL DRUM 190KG	8091	1,000	1,000	KG			0	10,744.00	10,744.00	6.00
32267	RHODASURF CET19 180 KG DRUM	8091	1,000	1,000	KG			1,440	18,280.48	18,280.48	
38990	GEORON W1 15 METAL DRUM 200 KG	8091	1,000	1,000	KG			0	13,689.61	13,689.61	
41289	ABEX 2515 BULK	8091	26,454	1,000	LB			0	106,589.51	106,589.5	
41295	ABEX 2535 BULK	8091	26,454	1,000	LB			0	92,844.28	92,844.22	0.06
53303	RHODAFAC CD-610 BULK	8091	15,432	1,000	LB			12,874.664	62,697.28	62,697.26	0.02
57254	LAURIC CONDENSATE BULK	8091	1,000	1,000	LB			73,036.193	10,092.96	10,092.96	
58306	SODIUM METABISULFITE 25/50KG BG	8091	1,000	1,000	KG			1,813	5,982.91	5,982.91	
58309	SULFAMIC ACID 25KG BG	8091	1,000	1,000	KG			2,300	5,153.27	5,153.27	
61084	PROPYLENE OXIDE BU	8091	1,000	1,000	KG			294.600	34,525.73	34,525.73	
61479	2-ETHYL HEXANOL 171KG DR	8091	1,000	1,000	KG			1,020	10,576.61	10,576.61	

The report must be saved in excel by

clicking on 

STEP 6

Check **Spreadsheet**

**Analyze/Compare Material Cost Estimates**

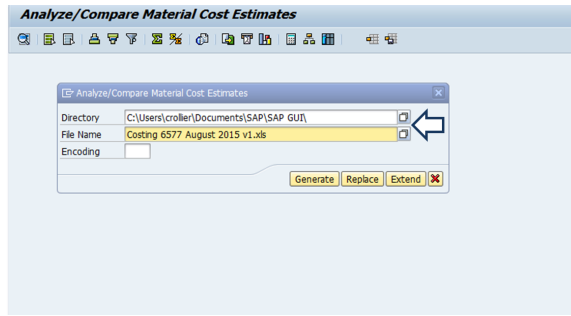
Save list in file...

In which format should the list be saved ?

unconverted  
 Spreadsheet  
 Rich text format  
 HTML Format  
 In the clipboard  
 In Google Drive

Enter the folder & the file name and

**Generate**



**STEP 1**

**WP1 + PF1**

When there are error or warning messages, you must click on to analyse and clear them

Flow Step	Authorization	Parameter	Execute	Log	Status	Materials	Errs	Still Open
Selection						1726	26	
Struct. Explosion						1726	26	
Costing						1700	0	0
Analysis								
Marking								
Release								

**STEP 2**

**WP1 + PF1**

Click on to have the list of messages

Number of Messages Collected	
Information Messages	1
Warning Messages	72
Error Messages	26
Termination Messages	0
<b>Total</b>	<b>99</b>

**STEP 3**

**WP1 + PF1**

1 - Type of message

- E** Error messages, must be cleared
- W** Warning messages, must be analysed and cleared as much as possible
- I** Information messages

2 - Message code

3 - Plant code

4 - Material code

5 - Message description

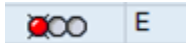
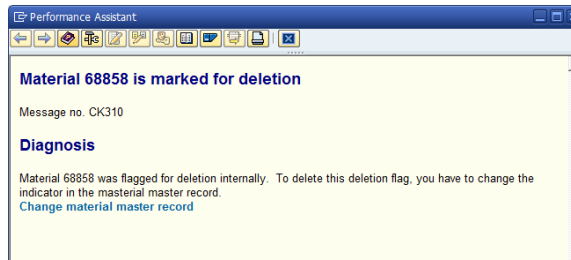
Excep...	M..	M..	Plant	Material	Σ	A..	Message Text
	W	128	7811	32787	1	CK	Material 32787 in plant 7811 has no accounting data
	W			77069	1	CK	Material 77069 in plant 7811 has no accounting data
	W			115117	1	CK	Material 115117 in plant 7811 has no accounting data
	W		7818	49739	1	CK	Material 49739 in plant 7818 has no accounting data
	W		7819	110142	1	CK	Material 110142 in plant 7819 has no accounting data
	I	172	7787	1615996	1	CK	Material 1615996 in plant 7787: No cost. exists -> ra...
	E	310	7714	68858	1	CK	Material 68858 is marked for deletion
	E			19398	1	CK	Material 19398 is marked for deletion
	E			40928	1	CK	Material 40928 is marked for deletion
	E			50775	1	CK	Material 50775 is marked for deletion
	E			66785	1	CK	Material 66785 is marked for deletion
	E			101132	1	CK	Material 101132 is marked for deletion
	E			101628	1	CK	Material 101628 is marked for deletion
	E		7779	66785	1	CK	Material 66785 is marked for deletion

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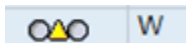
STEP 4

**WP1 + PF1**

You can double-click on a message to have a more detailed description of the issue



- CK060 - Object was not costed
- CK249 - Cost component split for material not saved
- CK310 - Material is marked for deletion
- CK380 - No valid source of supply could be found
- CK468 - No price could be determined for subcontracting
- CK023 - No control record for Activity type CHEF/X332900700/ZZANO2 in version 000 / 2017 activity planning/qty planning
- CK354 - Material XXXX in plant YYY has material status Z4 : Material deleted
- CK430 - Missing formula in work center xxxxx
- CK862 - Material XXX in plant XXX does not contain any segment for in-house production




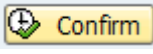
- CK053 - Deletion indicator set in material - plant
- CK054 - Deletion indicator set in material - valuation area
- CK080 - Material plant : BOM not active
- CK082 - Material plant: no suitable BOM found
- CK128 - Material in plant has no accounting data.
- CK382 - Material does not exist in withdrawal plant
- CK858 - No suitable or valid production version

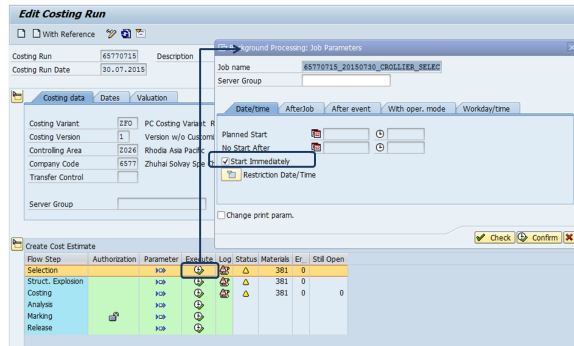
Inform the FRA that the cost estimate has been calculated  
I receive an email from the FRA that some changes have been performed and the cost estimate must be recalculated

If corrective actions have been taken, the costing run must be re executed


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STEP 1

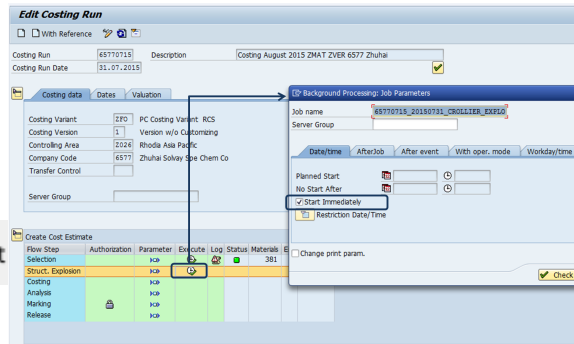
1. Click on  in the column « Execute » / line « Selection »
2. Check Start Immediately
3. Click on 





STEP 2

1. Click on  in the column « Execute » / line « Struct explosion »
2. Check Start Immediately
3. Click on 

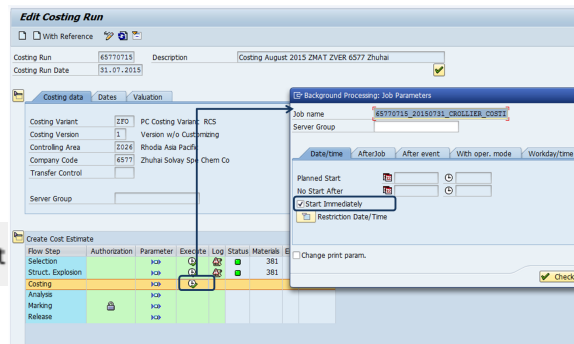
? Unknown Attachment




STEP 3

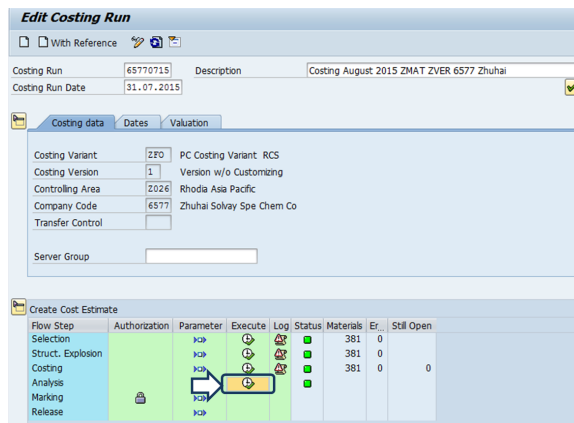
1. Click on  in the column « Execute » / line « Costing »
2. Check Start Immediately
3. Click on 

? Unknown Attachment



STEP 4

Click on  in the column « Execute » / line « Analysis »



Inform the FRA that the cost estimate has been calculated